

Refine Search

Search Results -

Terms	Documents
L6 and L2	19

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:▲▼Refine Search
Recall Text Clear Interrupt

Search History

DATE: Sunday, July 22, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

		<u>Hit Count</u>	<u>Set Name</u>
<u>L1</u>	(browser\$1 or display\$1) and (keyboard same scroll\$3)	5225	<u>L1</u>
<u>L2</u>	(browser\$1 same Web page\$1) and (keyboard same scroll\$3)	558	<u>L2</u>
<u>L3</u>	L2 and (page near up)	61	<u>L3</u>
<u>L4</u>	(browser\$1 same Web page\$1) and (keyboard same scroll\$3 same portion\$1)	86	<u>L4</u>
<u>L5</u>	715/501:1.cccls.	1559	<u>L5</u>
<u>L6</u>	715/513.cccls.	3352	<u>L6</u>
<u>L7</u>	L5 and L2	12	<u>L7</u>
<u>L8</u>	L6 and L2	19	<u>L8</u>

END OF SEARCH HISTORY

Hit List

[First Hit](#) [Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 25 of 86 returned.

1. Document ID: US 20070155419 A1

L4: Entry 1 of 86

File: PGPB

Jul 5, 2007

PGPUB-DOCUMENT-NUMBER: 20070155419

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070155419 A1

TITLE: MOBILE WIRELESS COMMUNICATIONS DEVICE WITH REDUCED INTERFERING ENERGY FROM THE KEYBOARD

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [Image](#)

2. Document ID: US 20070123298 A1

L4: Entry 2 of 86

File: PGPB

May 31, 2007

PGPUB-DOCUMENT-NUMBER: 20070123298

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070123298 A1

TITLE: Mobile wireless communications device having buffered clock distribution network for microprocessor and RF circuits

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [Image](#)

3. Document ID: US 20070083805 A1

L4: Entry 3 of 86

File: PGPB

Apr 12, 2007

PGPUB-DOCUMENT-NUMBER: 20070083805

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070083805 A1

TITLE: Configurable system and method for order entry

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [Image](#)

4. Document ID: US 20070083507 A1

L4: Entry 4 of 86

File: PGPB

Apr 12, 2007

PGPUB-DOCUMENT-NUMBER: 20070083507

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070083507 A1

Record List Display

TITLE: IDENTIFYING THE ITEMS MOST RELEVANT TO A CURRENT QUERY BASED ON ITEMS SELECTED IN CONNECTION WITH SIMILAR QUERIES

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

5. Document ID: US 20070067104 A1

L4: Entry 5 of 86

File: PGPB

Mar 22, 2007

PGPUB-DOCUMENT-NUMBER: 20070067104

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070067104 A1

TITLE: Devices, methods, and systems for managing route-related information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

6. Document ID: US 20070008289 A1

L4: Entry 6 of 86

File: PGPB

Jan 11, 2007

PGPUB-DOCUMENT-NUMBER: 20070008289

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070008289 A1

TITLE: Computer Keyboard

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

7. Document ID: US 20060288072 A1

L4: Entry 7 of 86

File: PGPB

Dec 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060288072

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060288072 A1

TITLE: Method for associating content objects with a database

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

8. Document ID: US 20060236261 A1

L4: Entry 8 of 86

File: PGPB

Oct 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060236261

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060236261 A1

TITLE: Multiple-panel scrolling

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

□ 9. Document ID: US 20060224995 A1

L4: Entry 9 of 86

File: PGPB

Oct 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060224995

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060224995 A1

TITLE: Data input method and system with multi-sub-field matching of user entries into a graphical input device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

□ 10. Document ID: US 20060224990 A1

L4: Entry 10 of 86

File: PGPB

Oct 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060224990

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060224990 A1

TITLE: Graphical input device with dynamic field width adjustment for input of variable data via a browser-based display

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

□ 11. Document ID: US 20060223597 A1

L4: Entry 11 of 86

File: PGPB

Oct 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060223597

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060223597 A1

TITLE: Mobile wireless communications device having improved antenna impedance match and antenna gain from RF energy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	-----------	-------

□ 12. Document ID: US 20060223570 A1

L4: Entry 12 of 86

File: PGPB

Oct 5, 2006

PGPUB-DOCUMENT-NUMBER: 20060223570

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060223570 A1

Record List Display

TITLE: Mobile wireless communications device having improved RF immunity of audio transducers to electromagnetic interference (EMI)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	----------------------------	-----------------------

13. Document ID: US 20060168510 A1

L4: Entry 13 of 86

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060168510

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060168510 A1

TITLE: Technique for modifying presentation of information displayed to end users of a computer system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	----------------------------	-----------------------

14. Document ID: US 20060130109 A1

L4: Entry 14 of 86

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060130109

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060130109 A1

TITLE: Multimode interactive television chat

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	----------------------------	-----------------------

15. Document ID: US 20060129647 A1

L4: Entry 15 of 86

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060129647

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060129647 A1

TITLE: Selective sending of portions of electronic content

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	------------------------	---------------------	----------------------------	-----------------------

16. Document ID: US 20060129541 A1

L4: Entry 16 of 86

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060129541

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060129541 A1

Record List Display

TITLE: Dynamically updated quick searches and strategies

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

[] 17. Document ID: US 20060070008 A1

L4: Entry 17 of 86

File: PGPB

Mar 30, 2006

PGPUB-DOCUMENT-NUMBER: 20060070008

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060070008 A1

TITLE: Preserving browser window integrity

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

[] 18. Document ID: US 20060068856 A1

L4: Entry 18 of 86

File: PGPB

Mar 30, 2006

PGPUB-DOCUMENT-NUMBER: 20060068856

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060068856 A1

TITLE: Mobile wireless communications device with reduced interfering energy into audio circuit and related methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

[] 19. Document ID: US 20060058058 A1

L4: Entry 19 of 86

File: PGPB

Mar 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060058058

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060058058 A1

TITLE: Mobile wireless communications device with reduced interfering energy from the keyboard

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

[] 20. Document ID: US 20060046798 A1

L4: Entry 20 of 86

File: PGPB

Mar 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060046798

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060046798 A1

TITLE: Mobile wireless communications device with reduced microphone noise from radio frequency

Record List Display

communications circuitry

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 21. Document ID: US 20060046787 A1

L4: Entry 21 of 86

File: PGPB

Mar 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060046787

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060046787 A1

TITLE: Mobile wireless communications device with reduced interfering energy from the display and related methods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 22. Document ID: US 20060046770 A1

L4: Entry 22 of 86

File: PGPB

Mar 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060046770

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060046770 A1

TITLE: Mobile wireless communications device with reduced interference from the keyboard into the radio receiver

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 23. Document ID: US 20060029451 A1

L4: Entry 23 of 86

File: PGPB

Feb 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060029451

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060029451 A1

TITLE: Dual navigation control computer keyboard

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 24. Document ID: US 20050231485 A1

L4: Entry 24 of 86

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050231485

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050231485 A1

TITLE: Removable keyboard

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 25. Document ID: US 20050193321 A1

L4: Entry 25 of 86

File: PGPB

Sep 1, 2005

PGPUB-DOCUMENT-NUMBER: 20050193321

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050193321 A1

TITLE: Insertion point bungee space tool

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
(browser\$1 same Web page\$1) and (keyboard same scroll\$3 same portion\$1)	86

Display Format: [Previous Page](#) [Next Page](#) [Go to Doc#](#)

Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Search Results - Record(s) 1 through 12 of 12 returned.

1. Document ID: US 20060168510 A1

L7: Entry 1 of 12

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060168510

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060168510 A1

TITLE: Technique for modifying presentation of information displayed to end users of a computer system

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#)

2. Document ID: US 20060031187 A1

L7: Entry 2 of 12

File: PGPB

Feb 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060031187

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060031187 A1

TITLE: Systems and methods for enterprise-wide visualization of multi-dimensional data

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#)

3. Document ID: US 20040205543 A1

L7: Entry 3 of 12

File: PGPB

Oct 14, 2004

PGPUB-DOCUMENT-NUMBER: 20040205543

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040205543 A1

TITLE: Apparatus and method of bookmarking a section of a web page

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#)

4. Document ID: US 7246310 B1

L7: Entry 4 of 12

File: USPT

Jul 17, 2007

US-PAT-NO: 7246310

DOCUMENT-IDENTIFIER: US 7246310 B1

Record List Display

TITLE: Efficiently displaying and researching information about the interrelationships between documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 5. Document ID: US 6952799 B2

L7: Entry 5 of 12

File: USPT

Oct 4, 2005

US-PAT-NO: 6952799

DOCUMENT-IDENTIFIER: US 6952799 B2

TITLE: User interface for network browser including pre-processor for links embedded in hypermedia documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 6. Document ID: US 6263351 B1

L7: Entry 6 of 12

File: USPT

Jul 17, 2001

US-PAT-NO: 6263351

DOCUMENT-IDENTIFIER: US 6263351 B1

TITLE: Document research system and method for efficiently displaying and researching information about the interrelationships between documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 7. Document ID: US 6177936 B1

L7: Entry 7 of 12

File: USPT

Jan 23, 2001

US-PAT-NO: 6177936

DOCUMENT-IDENTIFIER: US 6177936 B1

TITLE: Browser hierarchical contextual information for web pages

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

Γ 8. Document ID: US 6044385 A

L7: Entry 8 of 12

File: USPT

Mar 28, 2000

US-PAT-NO: 6044385

DOCUMENT-IDENTIFIER: US 6044385 A

TITLE: Method and system for efficiently managing the manipulation of large documents displayed within a computer screen

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	------------	-------

9. Document ID: US 6026437 A

L7: Entry 9 of 12

File: USPT

Feb 15, 2000

US-PAT-NO: 6026437

DOCUMENT-IDENTIFIER: US 6026437 A

TITLE: Method and system in a computer network for bundling and launching hypertext files and associated subroutines within archive files

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KM/C	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	------	-----------	-------

10. Document ID: US 5877757 A

L7: Entry 10 of 12

File: USPT

Mar 2, 1999

US-PAT-NO: 5877757

DOCUMENT-IDENTIFIER: US 5877757 A

TITLE: Method and system for providing user help information in network applications

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KM/C	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	------	-----------	-------

11. Document ID: US 5870767 A

L7: Entry 11 of 12

File: USPT

Feb 9, 1999

US-PAT-NO: 5870767

DOCUMENT-IDENTIFIER: US 5870767 A

TITLE: Method and system for rendering hyper-link information in a printable medium from a graphical user interface

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KM/C	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	------	-----------	-------

12. Document ID: US 5787254 A

L7: Entry 12 of 12

File: USPT

Jul 28, 1998

US-PAT-NO: 5787254

DOCUMENT-IDENTIFIER: US 5787254 A

TITLE: Web browser method and system for display and management of server latency

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KM/C	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	----------	--------	------	-----------	-------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

L5 and L2

12

Display Format:

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

 **PORTAL**
USPTO

Subscribe (Full Service) [Register \(Limited Service, Free\)](#) [Login](#)
Search: The ACM Digital Library The Guide
 SEARCH

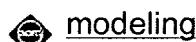
[THE ACM DIGITAL LIBRARY](#)  [Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used: **browser keyboard scrolling**

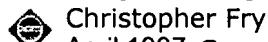
Found 3,311 of 207,474

Sort results
by publication date  [Save results to a Binder](#)Display
results expanded form  [Search Tips](#)
 Open results in a new window[Try an Advanced Search](#)[Try this search in The ACM Guide](#)Results 161 - 180 of 200 Result page: [previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) **9** [10](#) [next](#)

Best 200 shown

Relevance scale **161** [Quick GOMS: a visual software engineering tool for simple rapid time-motion](#) 

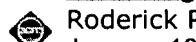
David V. Beard, Scott Entrikin, Pat Conroy, Nathan C. Wingert, Corey D. Schou, Dana K. Smith, Kevin M. Denelsbeck

May 1997 **Interactions**, Volume 4 Issue 3**Publisher:** ACM PressFull text available:  [pdf\(1.23 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**162** [Programming on an already full brain](#) Christopher Fry April 1997 **Communications of the ACM**, Volume 40 Issue 4**Publisher:** ACM PressFull text available:  [pdf\(742.40 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)**163** [Late-breaking/short talks: Age group differences in world wide web navigation](#) 

Beth Meyer, Richard A. Sit, Victoria A. Spaulding, Sherry E. Mead, Neff Walker

March 1997 **CHI '97 extended abstracts on Human factors in computing systems: looking to the future CHI '97****Publisher:** ACM PressFull text available:  [pdf\(217.83 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In this study, we examined the effects of age and training on efficiency and preferences in a World Wide Web search activity. Older participants were able to complete most of the tasks, but took more steps to find the information than did younger adults. Factors in this inefficiency were patterns of returning to the home page and revisiting pages that had been seen before during a search. Interactive training improved efficiency and altered preferences. We discuss implications for training and d ...

Keywords: aging, information navigation, older users, training, usability, world wide web**164** [Inventing the Lisa user interface](#) 

Roderick Perkins, Dan Smith Keller, Frank Ludolph

January 1997 **Interactions**, Volume 4 Issue 1**Publisher:** ACM Press

Full text available:  pdf(1.07 MB)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**165 Querying and visualization of geometric data** Edward P. F. Chan, Jonathan M. T. WongNovember 1996 **Proceedings of the 4th ACM international workshop on Advances in geographic information systems GIS '96****Publisher:** ACM PressFull text available:  pdf(2.55 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**166 A user interface for accessing 3D content on the World Wide Web** Mike Mohageg, Rob Myers, Chris Marrin, Jim Kent, David Mott, Paul IsaacsApril 1996 **Proceedings of the SIGCHI conference on Human factors in computing systems: common ground CHI '96****Publisher:** ACM PressFull text available:  pdf(1.19 MB)  Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
html(34.68 KB)**Keywords:** World Wide Web, three dimensional navigation, user interface design, virtual reality modeling language**167 X Forms**

Karel Kubat

February 1996 **Linux Journal****Publisher:** Specialized Systems Consultants, Inc.Full text available:  html(27.01 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Review and Tutorial: Karel Kubat explores XForms, a graphical user interface toolkit for X.

168 Getting it across: layout issues for kiosk systems Jan Borchers, Oliver Deussen, Clemens KnörzerOctober 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 4**Publisher:** ACM PressFull text available:  pdf(709.40 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

A clear and appealing screen layout is crucial to the success of on-line kiosk systems, public terminals that are connected to a network. This paper addresses the problem of developing such a layout, and provides several guidelines, drawn from traditional typography and Gestalt psychology as well as from hypertext authoring, and human-computer interaction. To identify how a kiosk system's primary task influences optimal layout, kiosk systems are classified into four basic types. The usability of ...

169 Pen computing: a technology overview and a vision André MeyerJuly 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3**Publisher:** ACM PressFull text available:  pdf(5.14 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

170 Essential modeling: use cases for user interfaces

 Larry L. Constantine
April 1995 **interactions**, Volume 2 Issue 2

Publisher: ACM Press

Full text available:  pdf(1.43 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

171 Surfing the Web by voice

 Charles T. Hemphill, Philip R. Thrift
January 1995 **Proceedings of the third ACM international conference on Multimedia MULTIMEDIA '95**

Publisher: ACM Press

Full text available:  htm(37.02 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: World Wide Web (WWW), dynamic grammars, dynamic vocabularies, hypermedia, intelligent agents, multimedia, natural language, speech recognition, spoken language systems, user interfaces

172 Interactive audio documents

 T. V. Raman, D. Gries
October 1994 **Proceedings of the first annual ACM conference on Assistive technologies Assets '94**

Publisher: ACM Press

Full text available:  pdf(630.47 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Communicating technical material orally is often hindered by the relentless linearity of audio; information flows actively past a passive listener. This is in stark contrast to communication through the printed medium, where we can actively peruse the visual display to access relevant information. ASTER is an interactive computing system for audio formatting electronic documents (presently, documents written ...)

173 DOLPHIN: integrated meeting support across local and remote desktop

 environments and LiveBoards

Norbert A. Streitz, Jörg Geißler, Jörg M. Haake, Jeroen Hol
October 1994 **Proceedings of the 1994 ACM conference on Computer supported cooperative work CSCW '94**

Publisher: ACM Press

Full text available:  pdf(2.13 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes DOLPHIN, a fully group aware application designed to provide computer support for different types of meetings: face-to-face meetings with a large interactive electronic whiteboard with or without networked computers provided for the participants, extensions of these meetings with remote participants at their desktop computers connected via computer and audio/video networks, and/or participants in a second meeting room also provided with an electronic whiteboard as well ...

Keywords: brainstorming, collaborative writing/drawing, document-based cooperation, electronic meeting rooms, hypermedia, interactive whiteboards, pen-based interaction, planning, shared workspaces

174

An exploratory evaluation of three interfaces for browsing large hierarchical tables of

 **contents**

Richard Chimera, Ben Shneiderman

October 1994 **ACM Transactions on Information Systems (TOIS)**, Volume 12 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(1.69 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Three different interfaces were used to browse a large (1296 items) table of contents. A fully expanded stable interface, expand/contract interface, and multipane interface were studied in a between-groups experiment with 41 novice participants. Nine timed fact retrieval tasks were performed; each task is analyzed and discussed separately. We found that both the expand/contract and multipane interfaces produced significantly faster times than the stable interface for many tasks using this | ...

Keywords: browsing, hierarchies, table of contents, user interfaces

175 Platform independent user interface builders: where are we headed?

 Richard Chimera, Jeff Barr, Martin Brunecky, Randy Pausch, Alain Rappaport

December 1993 **Proceedings of the 6th annual ACM symposium on User interface software and technology UIST '93**

Publisher: ACM Press

Full text available:  [pdf\(213.53 KB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#)



176 Information visualization using 3D interactive animation

 George G. Robertson, Stuart K. Card, Jack D. Mackinlay

April 1993 **Communications of the ACM**, Volume 36 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(7.01 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

177 EmbeddedButtons: supporting buttons in documents

 Eric A. Bier

October 1992 **ACM Transactions on Information Systems (TOIS)**, Volume 10 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(1.87 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

EmbeddedButtons is a library of routines and a runtime kernel that support the integration of buttons into document media, including text and graphics. Existing document editors can be modified to participate in this open architecture with the addition of a few simple routines. Unlike many button systems that insert special button objects into document media, this system supports turning existing document objects into buttons. As a consequence, buttons inherit all of the at ...

Keywords: active documents, buttons, user interface layout

178 The PICASSO applications framework

 Lawrence A. Rowe, Joseph A. Konstan, Brian C. Smith, Steve Seitz, Chung Liu

October 1991 **Proceedings of the 4th annual ACM symposium on User interface software and technology UIST '91**

Publisher: ACM Press

Full text available:  [pdf\(1.43 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



179 WALT: a research environment for medical hypertext Mark E. Frisse, Steve B. Cousins, Scott HassanSeptember 1991 **Proceedings of the third annual ACM conference on Hypertext HYPERTEXT '91****Publisher:** ACM PressFull text available:  [pdf\(474.42 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**180 The WINTERP Widget INTERPreter—a Lisp prototyping and extension environment** **for OSF/motif based applications user-interfaces**

Niels P. Mayer

July 1990 **ACM SIGPLAN Lisp Pointers**, Volume IV Issue 1**Publisher:** ACM PressFull text available:  [pdf\(1.56 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Winterp is an interactive, language-based user-interface and application-construction environment enabling rapid prototyping of applications with graphical user interfaces based on the OSF/Motif UI Toolkit. *Winterp* also serves as a customization environment for delivered applications by providing a real programming language as an extension language. Many existing user-interface languages only have the expressive power to describe static layout of user interface forms; by using a hi ...

Results 161 - 180 of 200

Result page: [previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
 The ACM Digital Library The Guide

browser keyboard scrolling

SEARCH

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used: **browser keyboard scrolling**

Found 3,311 of 207,474

Sort results by

publication date

Save results to a Binder

Display results

expanded form

Search Tips

Open results in a new window

[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 181 - 200 of 200

Result page: [previous](#)

1

2

3

4

5

6

7

8

9

10

Best 200 shown

Relevance scale

181 A new model for handling input

Brad A. Myers

July 1990 **ACM Transactions on Information Systems (TOIS)**, Volume 8 Issue 3

Publisher: ACM Press

Full text available: [pdf\(2.44 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Although there has been important progress in models and packages for the output of graphics to computer screens, there has been little change in the way that input from the mouse, keyboard, and other input devices is handled. New graphics standards are still using a fifteen-year-old model even though it is widely accepted as inadequate, and most modern window managers simply return a stream of low-level, device-dependent input events. This paper presents a ...

182 Behavioral evaluation and analysis of a hypertext browser
 Dennis E. Egan, Joel R. Remde, Thomas K. Landauer, Carol C. Lochbaum, L. M. Gomez
March 1989 **ACM SIGCHI Bulletin, Proceedings of the SIGCHI conference on Human factors in computing systems: Wings for the mind CHI '89**, Volume 20 Issue SI

Publisher: ACM Press

Full text available: [pdf\(643.03 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Students performed a variety of tasks using a statistics text presented either in conventional printed form or via the text browser "SuperBook" (Remde, Gomez and Landauer [18]). Students using SuperBook answered more search questions correctly, wrote higher quality "open-book" essays, and recalled certain incidental information better than students using the conventional text. Subjective ratings overwhelmingly favored SuperBook. The advantage of SuperBook appears to ...

183 Formative design evaluation of superbook
 Dennis E. Egan, Joel R. Remde, Louis M. Gomez, Thomas K. Landauer, Jennifer Eberhardt, Carol C. Lochbaum
January 1989 **ACM Transactions on Information Systems (TOIS)**, Volume 7 Issue 1

Publisher: ACM Press

Full text available: [pdf\(2.53 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

SuperBook is a hypertext browsing system designed to improve the usability of conventional documents. Successive versions of SuperBook were evaluated in a series of behavioral studies. Students searched for information in a statistics text, presented either in conventional printed form or in SuperBook form. The best version of SuperBook enabled students to answer search questions more quickly and accurately than they could with the conventional text. Students wrote higher quality "ope ...

184 Interacting with an active, integrated environment Thomas Rodden, Pete Sawyer, Ian Sommerville January 1989 **ACM SIGPLAN Notices , ACM SIGSOFT Software Engineering Notes , Proceedings of the third ACM SIGSOFT/SIGPLAN software engineering symposium on Practical software development environments SDE 3,**
Volume 24 , 13 Issue 2 , 5**Publisher:** ACM PressFull text available:  [pdf\(1.23 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Software engineering environments are intended to provide a cohesive and integrated set of tools to support the process of software engineering with much current research into environment design focussed on maximising the degree to which these tools can be integrated. This paper describes the architecture of a prototype environment which attempts to achieve a high degree of integration using techniques drawn from artificial intelligence, office automation and object-oriented program ...

185 Context and orientation in hypermedia networks Kenneth Utting, Nicole Yankelovich January 1989 **ACM Transactions on Information Systems (TOIS)**, Volume 7 Issue 1**Publisher:** ACM PressFull text available:  [pdf\(2.20 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The core of hypermedia's power lies in the complex networks of links that can be created within and between documents. However, these networks frequently overwhelm the user and become a source of confusion. Within Intermedia, we have developed the Web View-a tool for viewing and navigating such networks with a minimum of user confusion and disorientation. The key factors in the Web View's success are a display that combines a record of the user's path through the network with a map of the c ...

186 Building user interfaces by direct manipulation Luca Cardelli January 1988 **Proceedings of the 1st annual ACM SIGGRAPH symposium on User Interface Software UIST '88****Publisher:** ACM PressFull text available:  [pdf\(1.74 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**187** A smalltalk window system based on constraints Danny Epstein, Wilf R. LaLonde January 1988 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPSLA '88**, Volume 23 Issue 11**Publisher:** ACM PressFull text available:  [pdf\(1.28 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We describe the design of a constraint-based window system for Smalltalk. This window system uses constraints to specify attributes of windows and relationships between them. Three classes of constraints are supported, one of which is implicit and not available for general use. The system extends the current Smalltalk system, providing support for both fixed-size and fixed-scale windows. It also provides the capability to dynamically reorganize the layout of a window. A goal of the design i ...

188 An information system based on distributed objects Michael Caplinger December 1987 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPSLA '87**, Volume

22 Issue 12

Publisher: ACM PressFull text available:  pdf(1.33 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The Telesophy system is intended to provide transparent access to all of a community's online information. The scale of the system requires that it be distributed across many machines via a network; the multiple types and formats of the information require that it be a multimedia system. We describe a prototype that uses objects to represent, query, display, and edit information. A two-level storage system is used to store the objects on multiple servers; queries are proces ...

189 SuperBook: an automatic tool for information exploration—hypertext? Joel R. Remde, Louis M. Gomez, Thomas K. LandauerNovember 1987 **Proceeding of the ACM conference on Hypertext HYPERTEXT '87****Publisher:** ACM PressFull text available:  pdf(1.00 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The goals and methods of the text browser, SuperBook, are compared with those of hypertext systems in general. SuperBook, intended to provide improved access to text existing in electronic form, employs cognitive tools arising from human computer interaction research, such as full-text indexing, adaptive aliasing, and dynamic views of hierarchical information. Superbook automatically preprocesses on-line text written for paper publication, and produces a multi-window display, includ ...

190 Introducing object-oriented programming into the computer science curriculum John R. Pugh, Wilf R. LaLonde, David A. ThomasFebruary 1987 **ACM SIGCSE Bulletin , Proceedings of the eighteenth SIGCSE technical symposium on Computer science education SIGCSE '87**, Volume 19 Issue 1**Publisher:** ACM PressFull text available:  pdf(671.05 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In recent years, object-oriented programming languages and object-oriented program design have become increasingly popular. Dialects of many popular programming languages are now available which support the major concepts of object-oriented programming; namely message-passing, classes, generic operations and inheritance. Experience in the paradigm is increasingly supporting the view that object-oriented programming may be to the 80's what structured programming was to the 70's in te ...

191 Integral-C—a practical environment for C programming Graham RossJanuary 1987 **ACM SIGPLAN Notices , Proceedings of the second ACM SIGSOFT/SIGPLAN software engineering symposium on Practical software development environments SDE 2**, Volume 22 Issue 1**Publisher:** ACM PressFull text available:  pdf(744.42 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Integral C1 is an industrial grade integrated programming environment for C programming on an engineering workstation. A single interactive tool replaces a syntax checking editor, a compiler, and a source-level debugger. Its multi-window user interface allows program editing and animated source level debugging, tailored to the needs of a C programmer. The compiler accepts standard C code and reacts to editing changes with function-level incremental compilation. Compilat ...

192 Pi: a case study in object-oriented programming T. A. CargillJune 1986 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPSLA '86**, Volume 21 Issue 11

Publisher: ACM Press

Full text available:  pdf(813.25 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Pi is a debugger written in C + +. This paper explains how object-oriented programming in C + + has influenced Pi's evolution. The motivation for object-oriented programming was to experiment with a browser-like graphical user interface. The first unforeseen benefit was in the symbol table: lazy construction of an abstract syntax-based tree gave a clean interface to the remainder of Pi, with an efficient and robust implementation. Next, though not in the original design, Pi was easily modif ...

193 Personal distributed computing: the Alto and Ethernet software

 Butler Lampson

January 1986 **Proceedings of the ACM Conference on The history of personal workstations**

Publisher: ACM Press

Full text available:  pdf(3.00 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The personal distributed computing system based on the Alto and the Ethernet was a major effort to make computers help people to think and communicate. The paper describes the complex and diverse collection of software that was built to pursue this goal, ranging from operating systems, programming environments, and communications software to printing and file servers, user interfaces, and applications such as editors, illustrators, and mail systems.

194 Whiteboards: a graphical database tool

 James Donahue, Jennifer Widom

January 1986 **ACM Transactions on Information Systems (TOIS)**, Volume 4 Issue 1

Publisher: ACM Press

Full text available:  pdf(1.41 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The "Whiteboards" system is intended to be an electronic equivalent of the whiteboards and corkboards that we have in our offices. A Whiteboard database has similar qualities of storing disparate collections of data and saving their spatial location in a window to help with organization. A Whiteboard database can contain references to arbitrary entities: text files, notes, programs, tools, pictures, etc. Whiteboards runs as an application in the Cedar programming environment dev ...

195 A prototype electronic encyclopedia

 Stephen A. Weyer, Alan H. Borning

January 1985 **ACM Transactions on Information Systems (TOIS)**, Volume 3 Issue 1

Publisher: ACM Press

Full text available:  pdf(1.76 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We describe a prototype electronic encyclopedia implemented on a powerful personal computer, in which user interface, media presentation, and knowledge representation techniques are applied to improving access to a knowledge resource. In itself, an electronic encyclopedia is an important information resource, but this work also illustrates the issues and approaches for many types of electronic information retrieval environments. In the prototype we make dynamic use of the structure and sema ...

196 The EAS-E application development system: principles and language summary

 Harry M. Markowitz, Ashok Malhotra, Donald P. Pazel

August 1984 **Communications of the ACM**, Volume 27 Issue 8

Publisher: ACM Press

Full text available:  pdf(1.37 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

EAS-E is based on the entity-attribute-set view of system description—a useful formalism for system modeling and planning even when programming is done in languages other than EAS-E.

Keywords: entity-attribute-set world view, entity-relation world view, hierarchical model, network model, relational model

197 [A tour through cedar](#)

Warren Teitelman

March 1984 **Proceedings of the 7th international conference on Software engineering
ICSE '84**

Publisher: IEEE Press

Full text available:  [pdf\(2.08 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



198 [Smalltalk-80: the language and its implementation](#)

Adele Goldberg, David Robson

January 1983 Book

Publisher: Addison-Wesley Longman Publishing Co., Inc.

Full text available:  [pdf\(33.56 MB\)](#) Additional Information: [full citation](#), [abstract](#), [cited by](#), [index terms](#), [review](#)

From the Preface (See Front Matter for full Preface)

Advances in the design and production of computer hardware have brought many more people into direct contact with computers. Similar advances in the design and production of computer software are required in order that this increased contact be as rewarding as possible. The Smalltalk-80 system is a result of a decade of research into creating computer software that is appropriate for producing highly functional and interactive ...

199 [Interactive Editing Systems: Part I](#)



Norman Meyrowitz, Andries van Dam

September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(3.08 MB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#)



200 [Interactive Editing Systems: Part II](#)



Norman Meyrowitz, Andries van Dam

September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(9.17 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



Results 181 - 200 of 200

Result page: [previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)